

## ASSIGNMENT 4

Textbook Assignment: "Quality Assurance," chapter 6, pages 6-1 through 6-14; and "Test Equipment," pages 7-1 through 7-2.

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QUESTIONS 4-1 THROUGH 4-52 PERTAIN TO CHAPTER 6.

- 4-1. What QA form is used by a CMPO to document proper receipt and inspection of controlled material items?
1. QA Form 1
  2. QA Form 2
  3. QA Form 3
  4. QA Form 4
- 4-2. Which of the following personnel is responsible for initiating a departure from specifications report?
1. The work center supervisor
  2. The quality control inspector
  3. The person causing or finding the departure
  4. The quality assurance officer
- 4-3. Which of the following terms is defined as a written instruction designed to produce acceptable and reliable products, whether produced or repaired?
1. Inspection
  2. Process
  3. Procedure
  4. SUBSAFE
- 4-4. What should an SQCI know about workers in addition to what they are required to do?
1. How they go about it
  2. What tests to administer for recertification
  3. How they should stow all controlled material
  4. What audits are required of them
- 4-5. What level of assurance provides for "as necessary" verification techniques?
1. Level A
  2. Level B
  3. Level C
  4. Level I
- 4-6. Besides a good personnel orientation program, which of the following additional elements are required for an effective QA program?
1. A comprehensive training program, use of proper repair procedures, and a uniform liberty policy
  2. A comprehensive training program, use of proper repair procedures, and uniform inspection procedures
  3. A comprehensive training program, use of new tools and equipment, and uniform inspection procedures
  4. Use of new tools and equipment. and a proper working environment
- 4-7. What are the two types of departures from specifications?
1. Major and minor
  2. Major and semiminor
  3. Minor and semiminor
  4. Semiminor and minimal
- 4-8. Under which of the following maintenance circumstances must technical specifications be met?
1. On SUBSAFE work
  2. On level I work only
  3. Only when controlled material is used
  4. At all times

- 4-9. Who is responsible for maintaining the ship's QA records and test and inspection reports?
1. TYCOM
  2. CO
  3. RO
  4. QAO
- 4-10. What type of departure from specification must be approved by the appropriate authority?
1. Major departure from specification only
  2. Minor departure from specification only
  3. Any departure from specification
- 4-11. Who is responsible to the force commander for QA in the maintenance and repair of the ship?
1. TYCOM
  2. CO
  3. QAO
  4. QCI
- 4-12. Which of the following statements pertains to your situation when you are assigned as an SQCI for your command?
1. When assigned as an SQCI, you will personally inspect each item that is repaired or manufactured in your space
  2. Your assignment as an SQCI will be a primary duty
  3. You will be responsible for the proper stowage of controlled material
  4. As an SQCI, you must ensure to the utmost of your knowledge and ability that the performance and products meet the required specifications and that the installations are correct
- 4-13. What QA function is performed to identify production standards or material characteristics during manufacture or repair cycle that may not be detectable during final inspection?
1. Quality assurance
  2. Quality control
  3. In-process inspection
  4. Technical repair standards
- 4-14. If, during the repair process, you must change the original scope of the work to be performed, what procedure must you initiate?
1. Revision
  2. Addendum
  3. Automated work request
  4. Controlled work package
- 4-15. Which of the following individuals attaches QA Form 3 to material found to be unsatisfactory?
1. The individual finding the unacceptable condition
  2. The work center supervisor
  3. The quality control inspector
  4. The quality assurance officer
- 4-16. The basic thrust of the QA program is to ensure that you comply with technical specifications during all work done on ships of both the surface and submarine forces. There are two main elements of the QA program. The first is administrative. What is the second?
1. Judicial
  2. Technical
  3. Job execution
  4. supply
- 4-17. Which of the following levels of assurance, if any, normally requires both quality control and test or inspection methods?
1. A
  2. B
  3. C
  4. None of the above

- 4-18. Which of the following problems may cause a worker to fail to report a departure from specifications?
1. Lack of training
  2. Lack of adequate planning
  3. Lack of adequate inspection
  4. Each of the above
- 4-19. Which of the following is a system that ensures materials, data, supplies, and services conform to technical requirements and repaired equipment performs satisfactorily?
1. Levels of assurance
  2. Quality control
  3. Quality assurance
  4. Levels of control
- 4-20. If you wish to have a greater understanding of the terms used throughout the QA program, you may review either the appropriate TYCOM manual or what other publication?
1. OPNAVINST 4790.4B
  2. MIL-STD-109
  3. NAVSEA OD 45845
  4. OP 43P6A
- 4-21. Who is responsible for recertifying all SQCIs and CMPOs upon expiration of their respective qualifications?
1. TYCOM
  2. CO
  3. QAO
  4. QAS
- 4-22. The person with the most direct concern for quality workmanship within a work center is which of the following personnel?
1. The production supervisor
  2. The shop craftsman
  3. The division officer
  4. The department head
- 4-23. Which of the following is an example of a QA action performed following the completion of a series of tasks?
1. Final inspection
  2. In-process inspection
  3. Receiving inspection
  4. Screening inspection
- 4-24. When assigned as an SQCI, how familiar should you be with aspects of the QA program and the quality control procedures and requirements of your specialty?
1. Partially familiar, as a minimum
  2. Partially familiar with aspects of the QA program and thoroughly familiar with QC procedures and requirements
  3. Thoroughly familiar with all aspects of the QA program and partially familiar with QC
  4. Thoroughly familiar with all aspects of the QA program and QC procedures and requirements
- 4-25. Because the instructions set forth within the QA manual are general in nature, each activity must implement a QA program to meet the intent of the QA manual.
1. True
  2. False
- 4-26. Failure to complete a required retest of a component or subsystem that, if defective, could cause flooding would require submission of what type of departure from specifications?
1. Critical departure from specifications
  2. Minor departure from specifications
  3. Major departure from specifications
  4. Semi-minor departure from specifications

- 4-27. To what kind of work do QA requirements apply?
1. Work done by IMAs only
  2. Work done by ship's force only
  3. Work done by IMAs as well as work done by ship's force
  4. Work done by an overhaul facility
- 4-28. There are five levels of responsibility for the QA program for the Atlantic fleet surface force: (1) force commander, (2) audits, (3) squadron commanders, (4) IMAs, and (5) what other level?
1. Force ships
  2. TYCOM
  3. Departments
  4. Officers in charge
- 4-29. Which of the following terms is defined as the degrees of control measures required to assure reliability of repairs made to a system, subsystem, or component?
1. In-process inspection
  2. Levels of control
  3. Levels of assurance
  4. Levels of essentiality
- 4-30. Which of the following terms applies to an item that has had its material composition tested and verified?
1. Level I
  2. SUBSAFE
  3. Controlled material
  4. Specification
- 4-31. What procedure(s) should you follow if, during a repair process involving simultaneous performance of procedure steps, the steps are in different locations?
1. Reject the job and send the CWP back to planning
  2. Make a copy of the CWP with its documentation for each job site
  3. Use locally developed practices
  4. Have the CWP at one job site
- 4-32. CMPOS are trained and qualified by the QA supervisor and should be what paygrade(s)?
1. E3/E4
  2. E4 only
  3. E5 only
  4. E4/E5
- 4-33. Which of the following terms is associated with the range of controls representing a high degree of confidence that procurement specifications have been met?
1. In-process inspection
  2. Levels of control
  3. Levels of assurance
  4. Levels of essentiality
- 4-34. A departure from specifications is a lack of compliance with a procedure, an instruction, or which of the following directives?
1. An IG
  2. An NSTM
  3. An order
  4. A plan
- 4-35. What QA term is defined as any technical or administrative directive that defines repair criteria?
1. Procedure
  2. Reliability
  3. Specification
  4. Technical repair standard
- 4-36. Which of the following is NOT a description of controlled material?
1. Has special markings
  2. Has accountability throughout the repair or manufacturing process
  3. Is stowed separately
  4. Must be open purchased

- 4-37. Which of the following information is NOT provided to a supervisor in a CWP?
1. QA form instructions
  2. QC procedures
  3. QC techniques
  4. Stowage location of SUBSAFE material
- 4-38. What area of direct responsibility ensures that all departures from specifications are reported, required audits are conducted, and adequate maintenance is performed for that material condition necessary to support continued unrestricted operations?
1. TYCOM
  2. CO
  3. QAO
  4. QCI
- 4-39. As a work center supervisor, you should teach your workers to strive to achieve first-time quality on every task assigned. This will instill in them pride and professionalism and ensure what else?
1. A quality product
  2. A product that does not need to be QA'd
  3. A lessening of QA paperwork
- 4-40. As a work center or work group supervisor, you will be responsible for which of the following actions concerning QA?
1. Issuing SQCI certification stamps
  2. Training personnel to be SQCIs
  3. Ensuring that all corrective actions performed by shop personnel meet prescribed standard and all corrective actions performed by shop personnel are done correctly
  4. Certifying shop personnel as CMPOs and SQCIs
- 4-41. A well-organized quality assurance and inspection program will minimize the impact of situations such as improper performance of repairs or installations which could endanger an expensive piece of equipment.
1. True
  2. False
- 4-42. When formal training for a specific skill is not a requirement, what publication(s) may you use as a guideline for training personnel to provide them with the necessary expertise to perform a required action?
1. 3-M manual
  2. Military standards
  3. NAVSEA technical documents
  4. QA manual
- 4-43. A properly functioning QA program points out problem areas to maintenance managers so they can take appropriate action to accomplish which of the following actions?
1. Distribute required technical information more effectively
  2. Improve the reliability, uniformity, and quality of the total maintenance effort
  3. Improve the work habits, training, and procedures of maintenance personnel
  4. All of the above
- 4-44. Ultimate responsibility to ensure that a repair is done according to technical specifications rests with the person performing the maintenance action. To do the job properly, a supervisor must ensure which of the following conditions about the worker?
1. That he or she is adequately supervised
  2. That he or she is properly trained
  3. That he or she is provided with correct tools and parts
  4. All of the above

4-45. Which of the following terms is defined as marking the specific portion of a SUBSAFE system within which the stringent material or operability requirements of SUBSAFE apply?

1. SUBSAFE system
2. SUBSAFE material
3. SUBSAFE boundry
4. SUBSAFE barrier

4-46. What level of responsibility provides instruction, policy, and overall direction for implementation and operation of the force QA program?

1. Commanders in chief of the fleet
2. TYCOM
3. CO
4. QAO

4-47. What QA form is used by a CMPO to record controlled material that is received and issued?

1. QA Form 2
2. QA Form 3
3. QA Form 7
4. QA Form 9

4-48. Which of the following terms is defined as a set of actions written in a special sequential order by which a maintenance action, a test, or an inspection is done using specific guidelines, tools, and equipment?

1. Documentation
2. In-process inspection
3. Process
4. Procedure

4-49. What term is defined as all of the action required to return an equipment to its proper operating condition after a defect has been discovered?

1. SUBSAFE
2. Repair procedures
3. Quality control
4. Quality assurance

4-50. What level of assurance provides for the most stringent or restrictive verification techniques?

1. H
2. B
3. C
4. I

4-51. An SQCI is responsible for which of the following actions?

1. Conducting QA audits
2. Coordinating the ship's QA training program
3. Inspecting all work for conformance to specifications
4. Stowing controlled material separately from noncontrolled items

4-52. The achievement of an effective QA program depends on which of the following factors?

1. Speed of repair, special skills, and knowledge
2. Speed of repair, special skills, and prevention of defects
3. Knowledge, prevention of defects, and speed of repairs
4. Knowledge, prevention of defects, and special skills

QUESTIONS 4-53 THROUGH 4-59 PERTAIN TO CHAPTER 7.

4-53. Who is responsible for all electrical and electronic TAMS, other than avionics, assigned to the command?

1. Operations Officer
2. EMO/ERO
3. TEPO
4. Combat Systems Officer

4-54. What are the two categories of test equipment?

1. SPETERL/COSAL
2. Operational/Non-operational
3. Basic/Advanced
4. GPETE/SPETE

- 4-55. Items listed in MIL-STD-1364 are SPETE.
1. True
  2. False
- 4-56. The allowance of test equipment for a ship is contained in which of the following publications?
1. SPETERL
  2. MIL-STD-1364
  3. MEASURE Format 310
  4. Electronics Installation and Maintenance Books
- 4-57. To manage the test equipment program on your ship properly, which of the following requirements must you meet?
1. Have a thorough understanding of Navy test equipment programs
  2. Have a working knowledge of the administration and references pertaining to test equipment
  3. Have a knowledgeable and cohesive organization that involves all TAMS users
  4. All of the above
- 4-58. The TEPO has (a) what title and (b) what responsibility?
1. (a) Test equipment program officer  
(b) Is the focal point for your ship's TAMS
  2. (a) Test equipment program officer  
(b) Has overall responsibility for all TAMS
  3. (a) Test equipment petty officer  
(b) Is the focal point for all matters related to TAMS
  4. (a) Test equipment; petty officer  
(b) Has overall direct responsibility for all TAMS
- 4-59. As a senior technician, you are expected to be able to manage a test equipment program. Which of the following areas is/are involved in the administration of a test equipment program?
1. The stowage and handling of test equipment
  2. The calibration and repair of test equipment
  3. The inventory, procurement, and disposal of test equipment
  4. All of the above